

ABSTRACT OF THE DISCLOSURE

Method and system are disclosed for improving the channel quality in a packet data radio network. In each cell of the radio network the packet data is measured based on channel utilization and/or packet queue measurements. A  
5 power control algorithm uses the packet data load to determine a common or equal broadcast or transmitted power level for the channels in the cell. The common broadcast or transmitted power may subsequently be adjusted on an individual channel basis for channels that fall outside a predefined quality window.